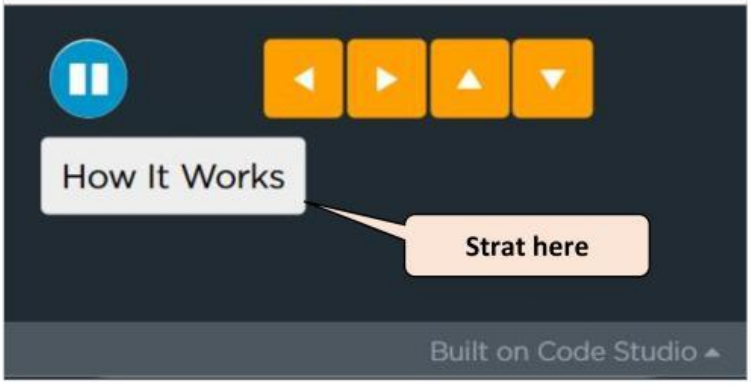
Project 13

DP EDUCATION

Coding School





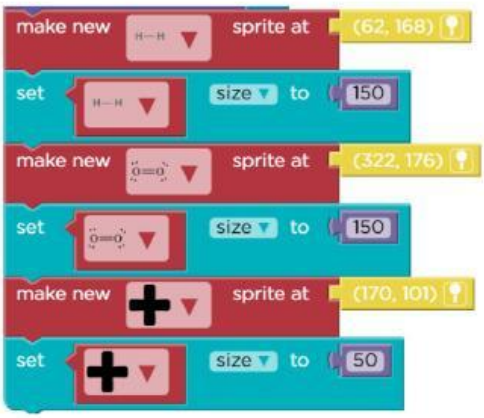
LIVEWORKSHEETS

Let's create a water molecule.

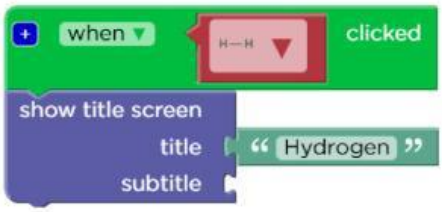
- Add a color to the background using Set background color.



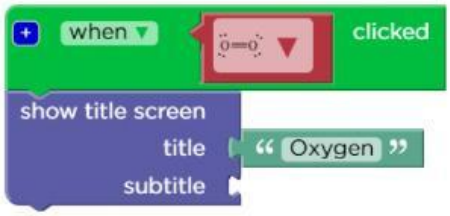
- Add a hydrogen molecule, an oxygen molecule and a plus sign sprite by making new sprite. Set the size of the hydrogen molecule and oxygen molecule to 150. Set the size of the plus sign to 50.



- Apply blocks as follows to appear on the screen as Hydrogen when you click on the hydrogen molecule.

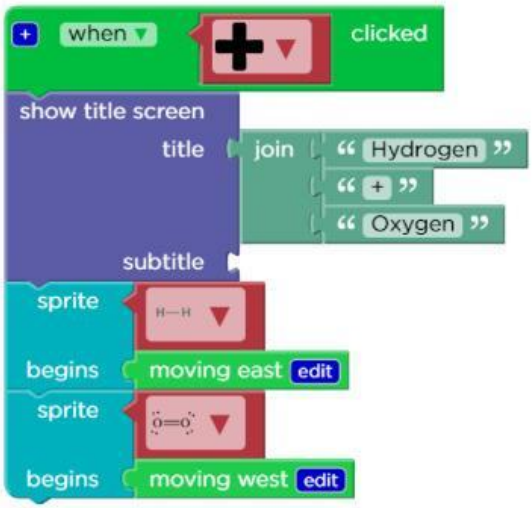


- Apply blocks as follows to appear on the screen as Oxygen when you click on the oxygen molecule.

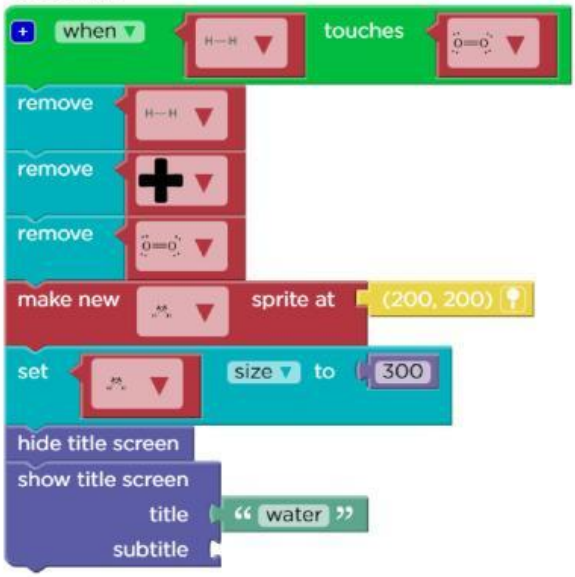


- When you click on the plus sign, Hydrogen + Oxygen appears on the screen and the hydrogen molecule moves to the east direction and the oxygen molecule moves to the west direction, use the following blocks.

LIVEWORKSHEETS



- When the hydrogen molecule touches the oxygen molecule, neither the hydrogen molecule nor the oxygen molecule nor the positive sign should appear and a water molecule should join. Set the size of the water molecule to 300. And water should appear on the screen. For that, apply blocks as follows.



Choose the correct answer

1. What are the blocks related to display on the screen as Hydrogen as a title?







LIVEWORKSHEETS

2. Hydrogen අණුව නැගෙනහිර දෙසට ගමන් කිරීමට අදාළ blocks මොනවාද?







3. What are the blocks related to the movement of the hydrogen molecule towards the east?







4. What block is used to add color to the background?







5. 

What does it mean?

The oxygen molecule continues to move westward.
The oxygen molecule moves to the west.
The oxygen molecule moves eastward.

LIVEWORKSHEETS